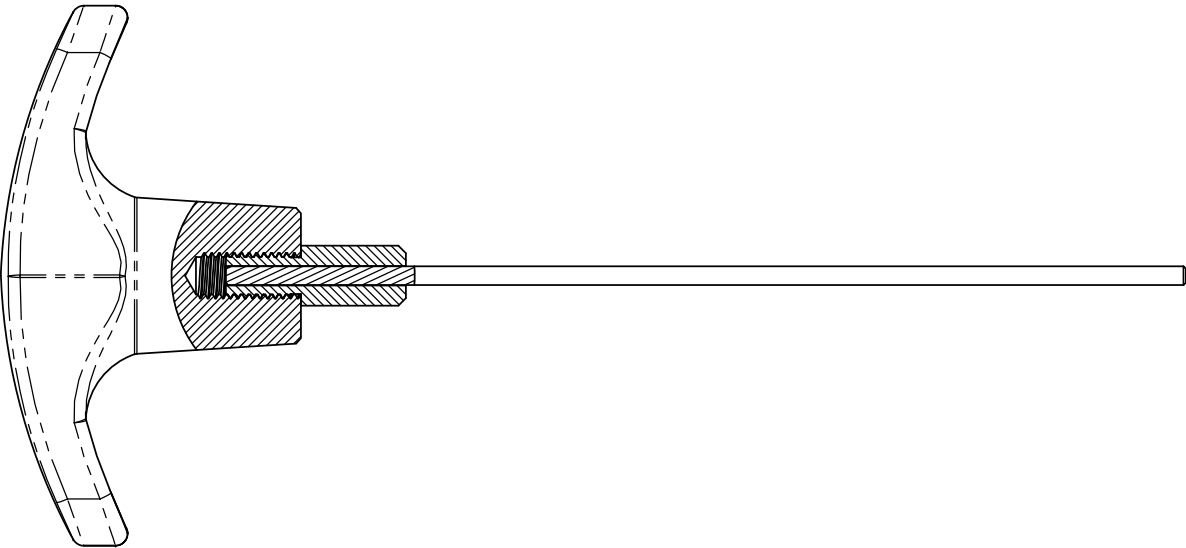


QTY -041	P/N	DESCRIPTION
X	DT10740-041	5/64" ROUND BAR ASSEMBLY
1	DT10744-1	ROUND BAR ADAPTER
1	DT10744-11	ROUND BAR
1	DT10744-13	T-HANDLE



**DT10744-041 5/64" ROUND BAR ASSEMBLY**

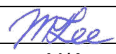
DT10744-13  
T-HANDLE

9  
DT10744-1  
ROUND BAR ADAPTER

8  
DT10744-11  
ROUND BAR

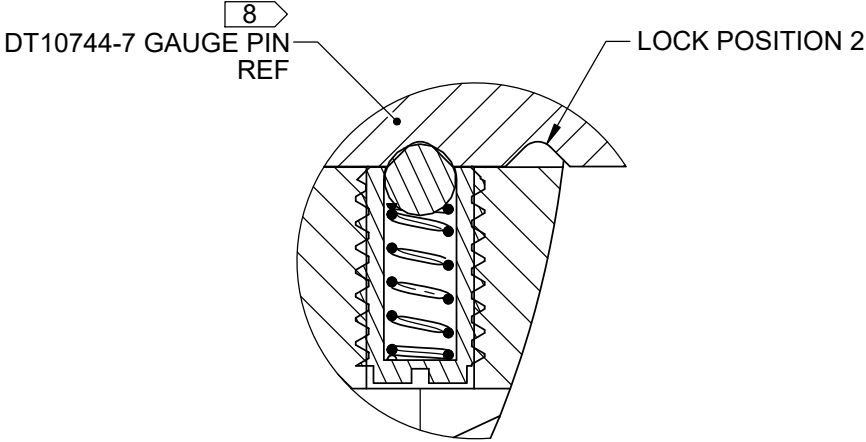
**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY "DT10744-041" PER DART QSI 044 METHOD 6.3 / 6.4 / 6.5
- 7) WEIGHT: N/A
- 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-11 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-1 ROUND BAR ADAPTER
- 9) APPLY LOCTITE 262/263 ON THREADS OF DT10744-1 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

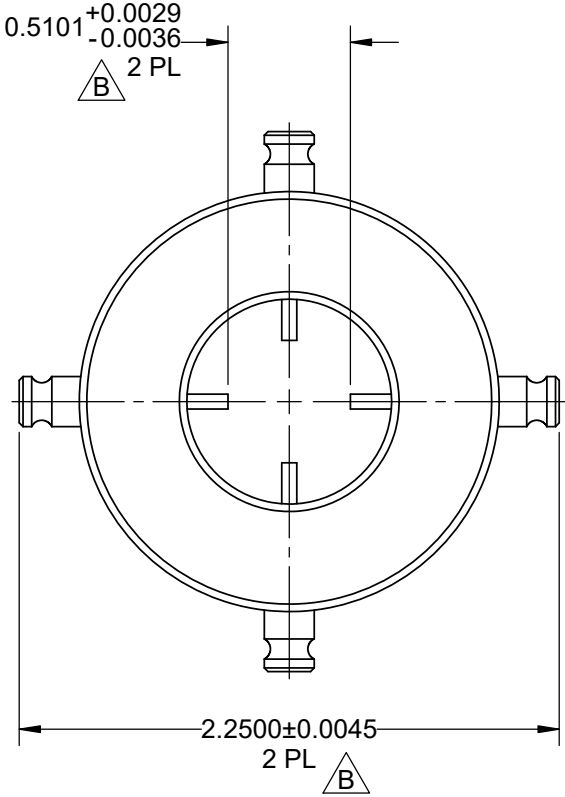
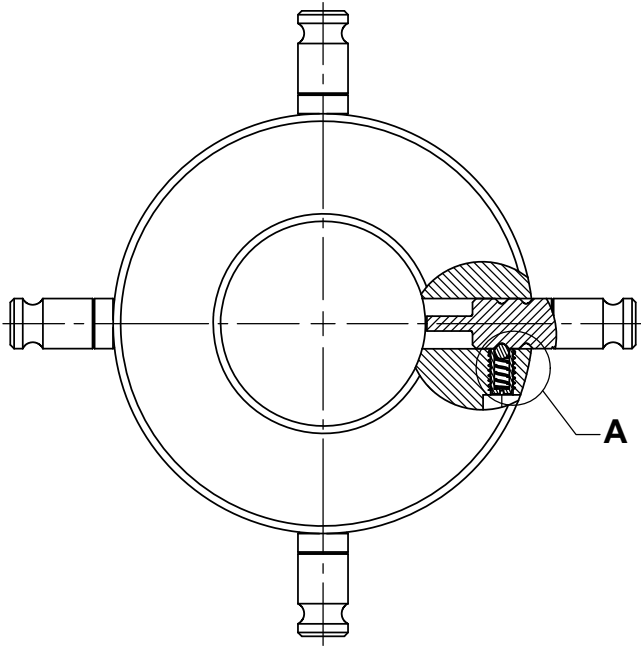
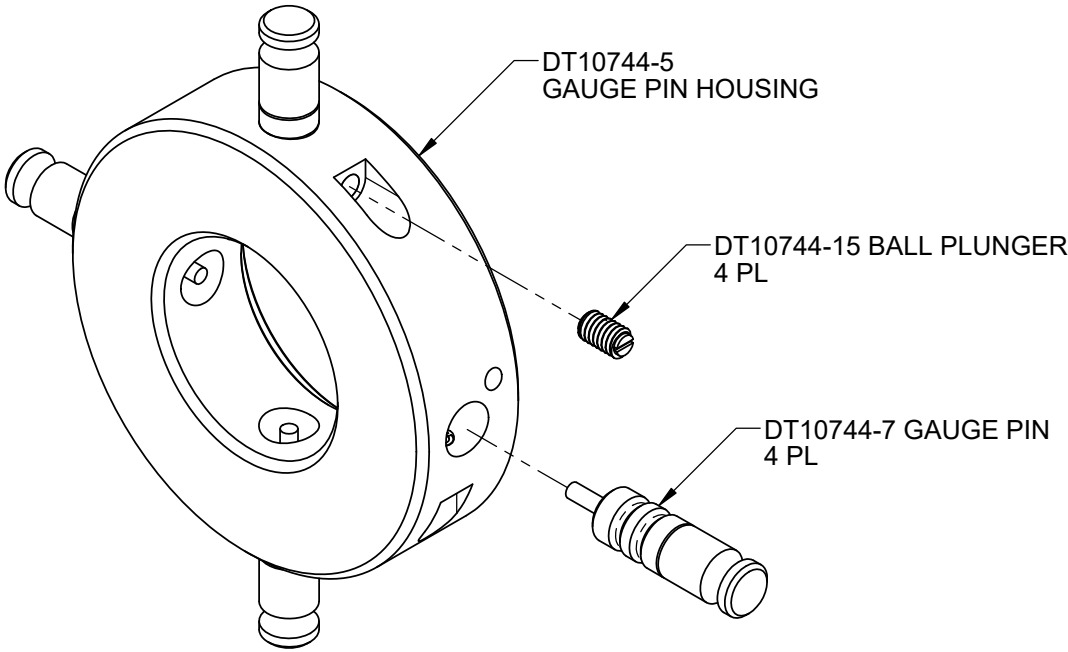
B	-041, -045 NOTE 9: ADDED OPTION FOR LOCTITE 263. NOTE 6: ADDED IDENTIFICATION REQUIREMENT		KPT	21.10.03
	-043 REVISED DIMENSION TOLERANCES		KPT	21.01.02
	-5 ADDED COUNTERBORE HOLE			
A	NEW ISSUE		KPT	21.01.02
REV.	DESCRIPTION		BY	DATE
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA		
DRAWN	KPT			
CHECKED	ZF	DRAWING NO. REV. B		
MFG. APPR.	JFS	DT10744 SHEET 1 OF 10		
APPROVED		TITLE SCALE		
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL NTS		
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APPROVED

QTY -043	P/N	DESCRIPTION
X	DT10744-043	INSPECTION TOOL ASSEMBLY
1	DT10744-5	GAUGE PIN HOUSING
4	DT10744-7	GAUGE PIN
4	DT10744-15	BALL PLUNGER



**DETAIL A**  
(SHOWN LOCKED IN POSITION 1)  
4 PL



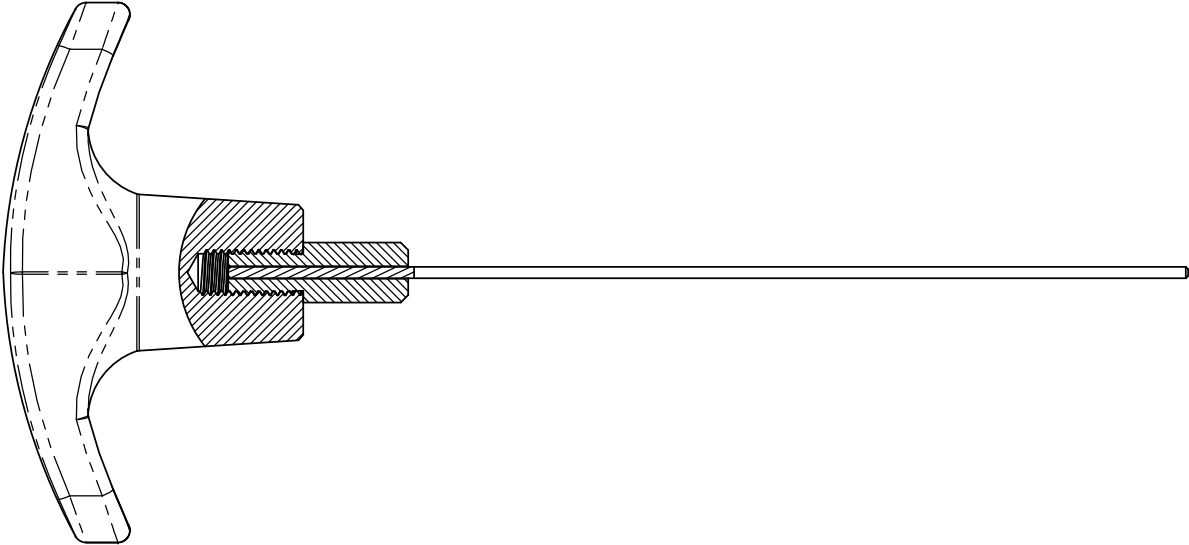
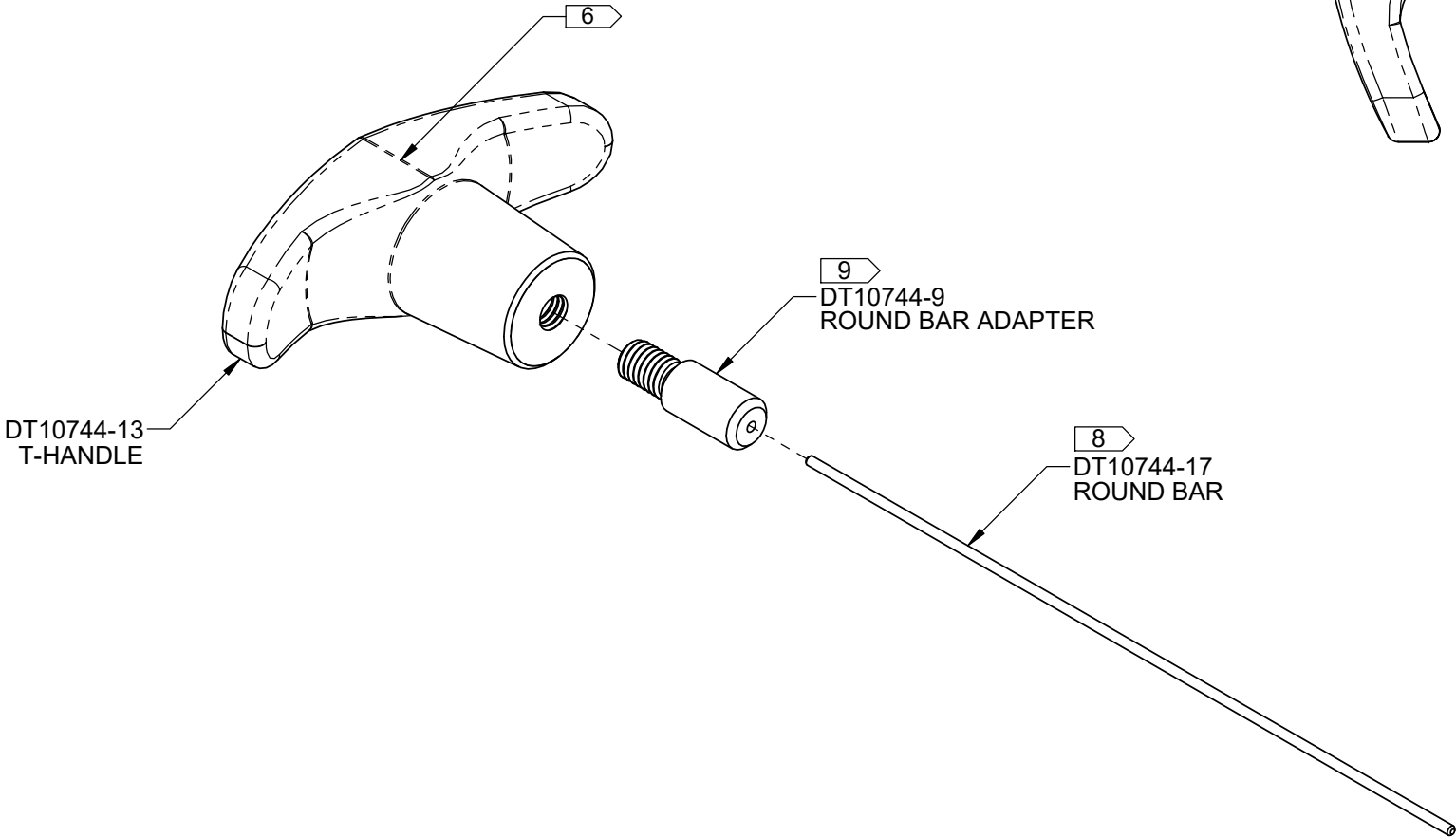
**DT10744-043 INSPECTION TOOL ASSEMBLY**

NOTES:  
1) MATERIAL: N/A  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: IDENTIFY PER DART QSI 044  
7) WEIGHT: N/A  
8) DT10744-7 GAUGE PIN MUST BE ABLE TO ROTATE FREELY WHEN LOCKED INTO PLACE (BOTH POSITIONS) AS SHOWN IN DETAIL A.  
ADJUST DEPTH OF DT10744-15 BALL PLUNGER AS REQUIRED  
9) APPLY A LIGHT COAT OF LUBRICANT TO EACH DT10744-7 PIN GAUGE BEFORE ASSEMBLY (LUBRICANT USED MUST BE SPECIFIED IN MPP-179)

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MFG. APPR.	JFS	SHEET 2 OF 10	
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QTY -045	P/N	DESCRIPTION
X	DT10744-045	3/64" ROUND BAR ASSEMBLY
1	DT10744-9	ROUND BAR ADAPTER
1	DT10744-13	T-HANDLE
1	DT10744-17	ROUND BAR

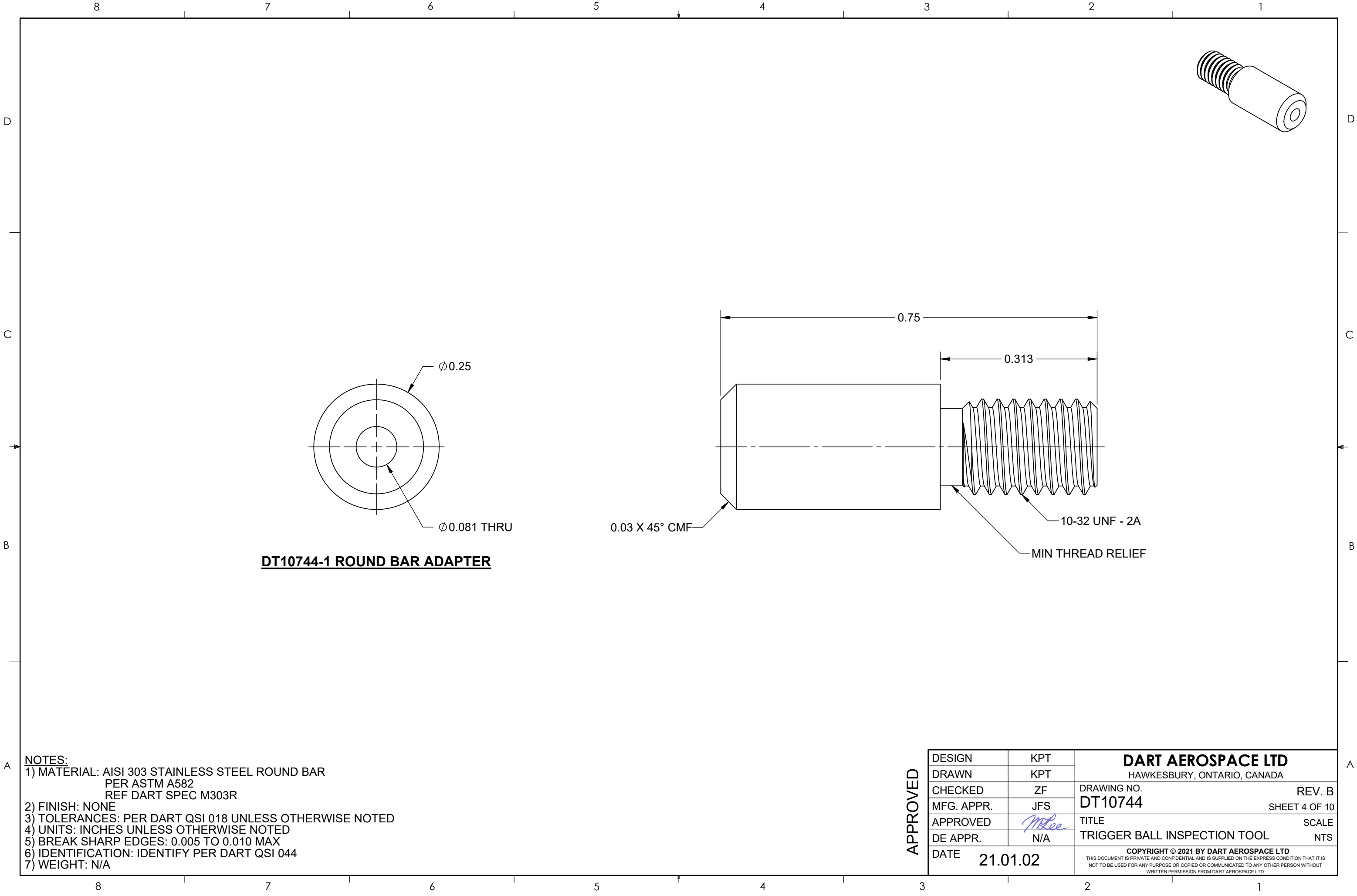


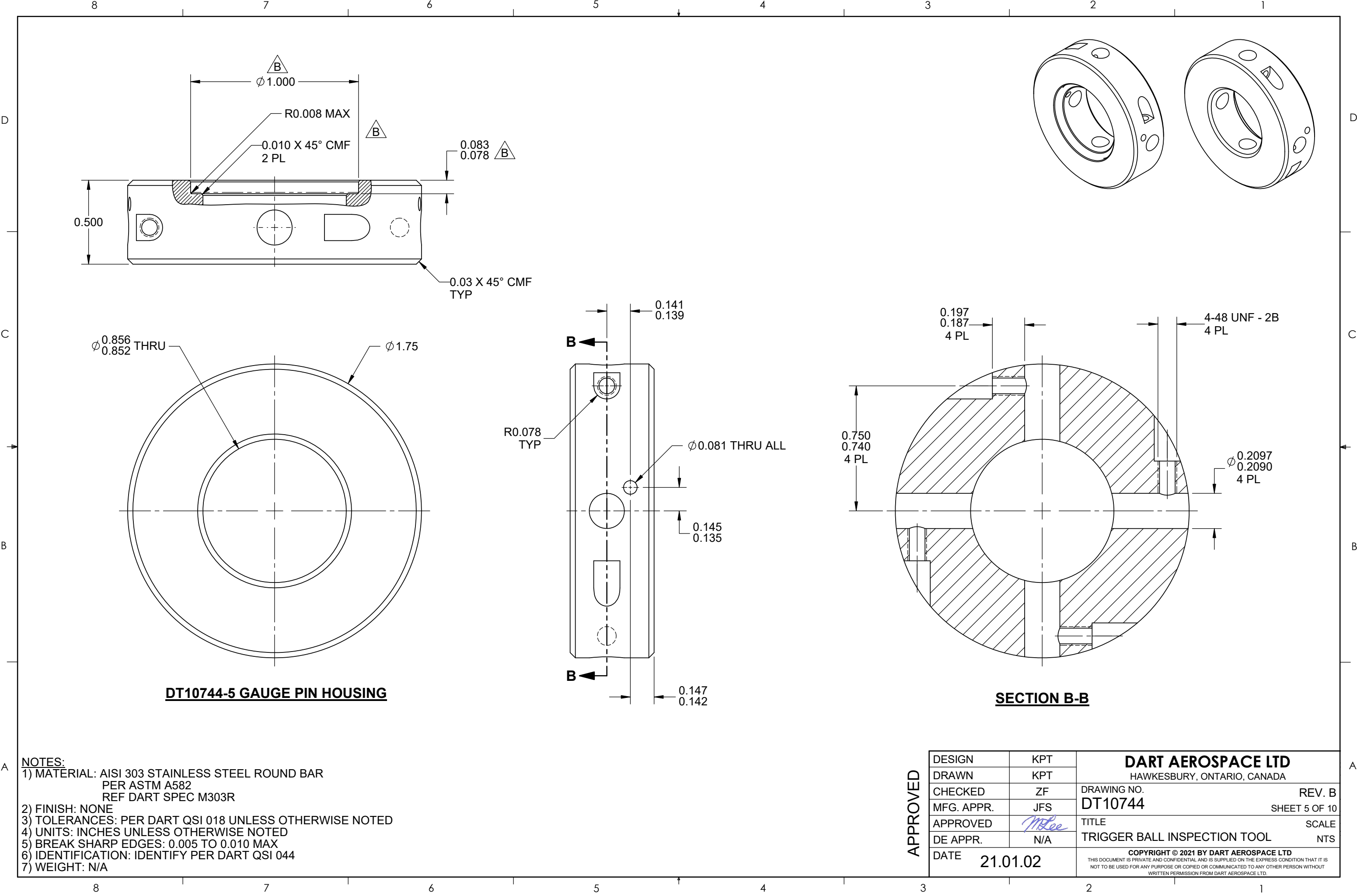
DT10744-045 3/64" ROUND BAR ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY "DT10744-045" PER DART QSI 044 METHOD 6.3 / 6.4 / 6.5
  - 7) WEIGHT: N/A
  - 8) APPLY LOCTITE 495 ON MATING SURFACE OF DT10744-17 ROUND BAR AND THEN INSTALL, FLUSH WITH THREADED END, INTO DT10744-9 ROUND BAR ADAPTER
  - 9) APPLY LOCTITE 262/263 ON THREADS OF DT10744-9 ROUND BAR ADAPTER AND THEN INSTALL, HANDTIGHT, INTO DT10744-13 T-HANDLE

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CHECKED	ZF	DRAWING NO. REV. B
MFG. APPR.	JFS	DT10744 SHEET 3 OF 10
APPROVED		TITLE SCALE
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL NTS
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**DT10744-5 GAUGE PIN HOUSING**

**SECTION B-B**

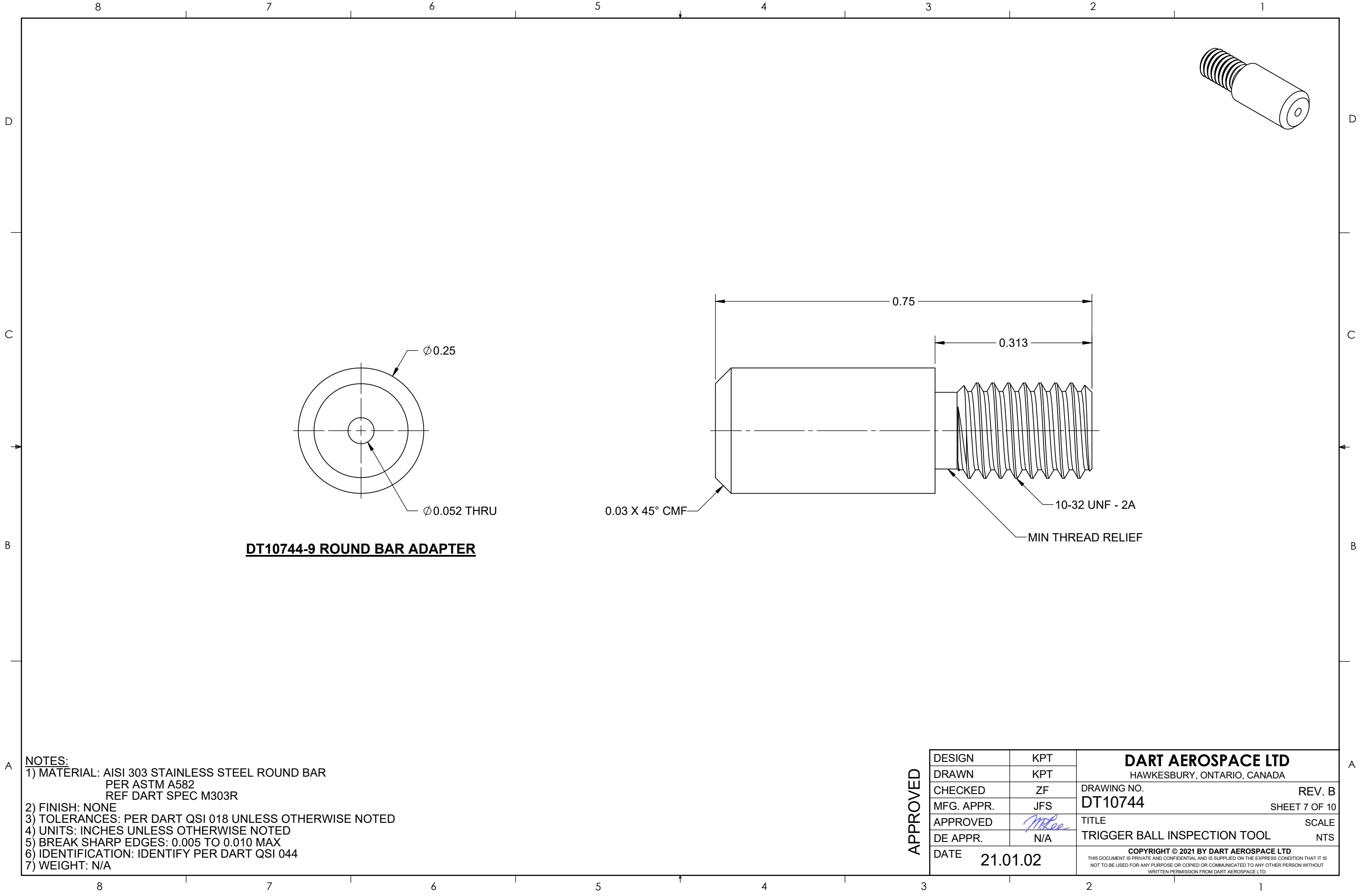
**NOTES:**

- 1) MATERIAL: AISI 303 STAINLESS STEEL ROUND BAR  
PER ASTM A582  
REF DART SPEC M303R
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: N/A

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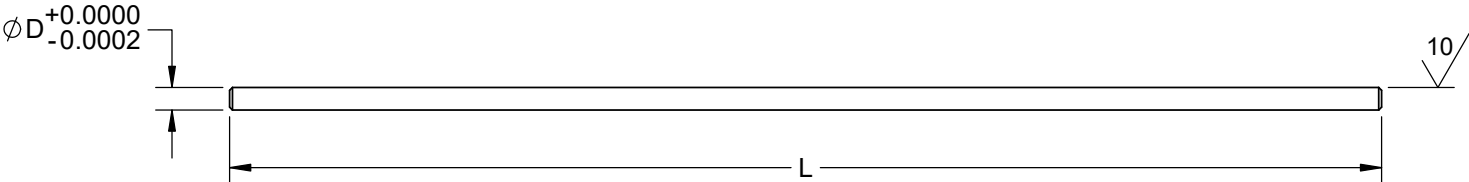
DESIGN	KPT	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	JFS	<b>DT10744</b>	SHEET 5 OF 10
APPROVED	<i>M. Lee</i>	TITLE	SCALE
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL	NTS
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P/N	D	L	HARDNESS	SUGGESTED VENDOR	SUGGESTED VENDOR P/N
DT10744-11	0.0781	4.000	RC40	MCMASTER-CARR	1162K101
DT10744-17	0.0469	4.000	RC40	MCMASTER-CARR	1162K92


SOURCE CONTROL DRAWING



DT10744-X ROUND BAR  
(DT10744-11 SHOWN)

- NOTES:
- 1) MATERIAL: 17-4 PH STAINLESS STEEL
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

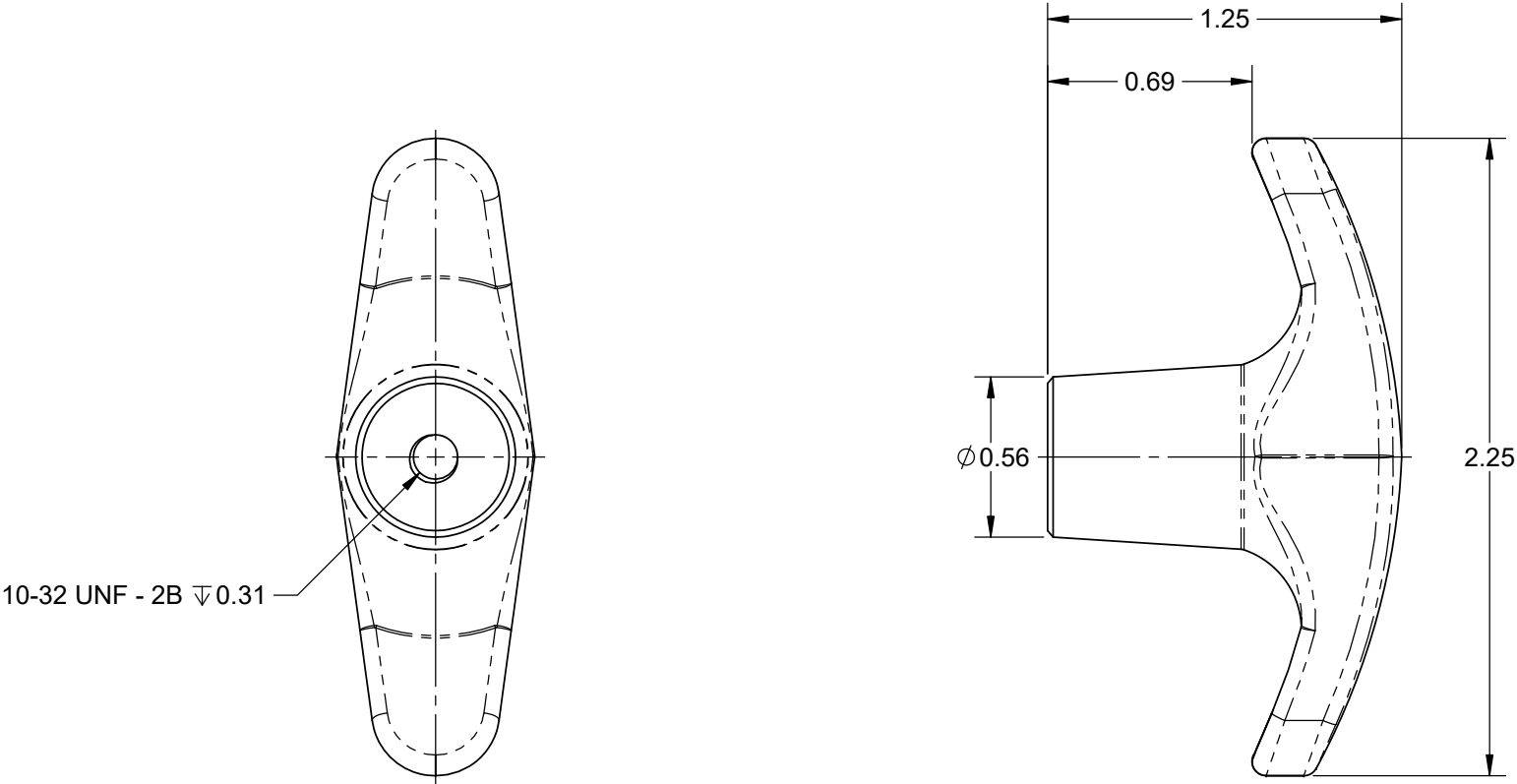
APPROVED

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	ZF	DRAWING NO. DT10744	REV. B
MFG. APPR.	JFS		SHEET 8 OF 10
APPROVED		TITLE	SCALE
DE APPR.	N/A	TRIGGER BALL INSPECTION TOOL	NTS
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T-HANDLE MATERIAL	THREADED INSERT MATERIAL	SUGGESTED VENDOR	SUGGESTED VENDOR P/N
BLACK PHENOLIC PLASTIC	BRASS	CARR LANE	CL-424-TH

SOURCE CONTROL DRAWING

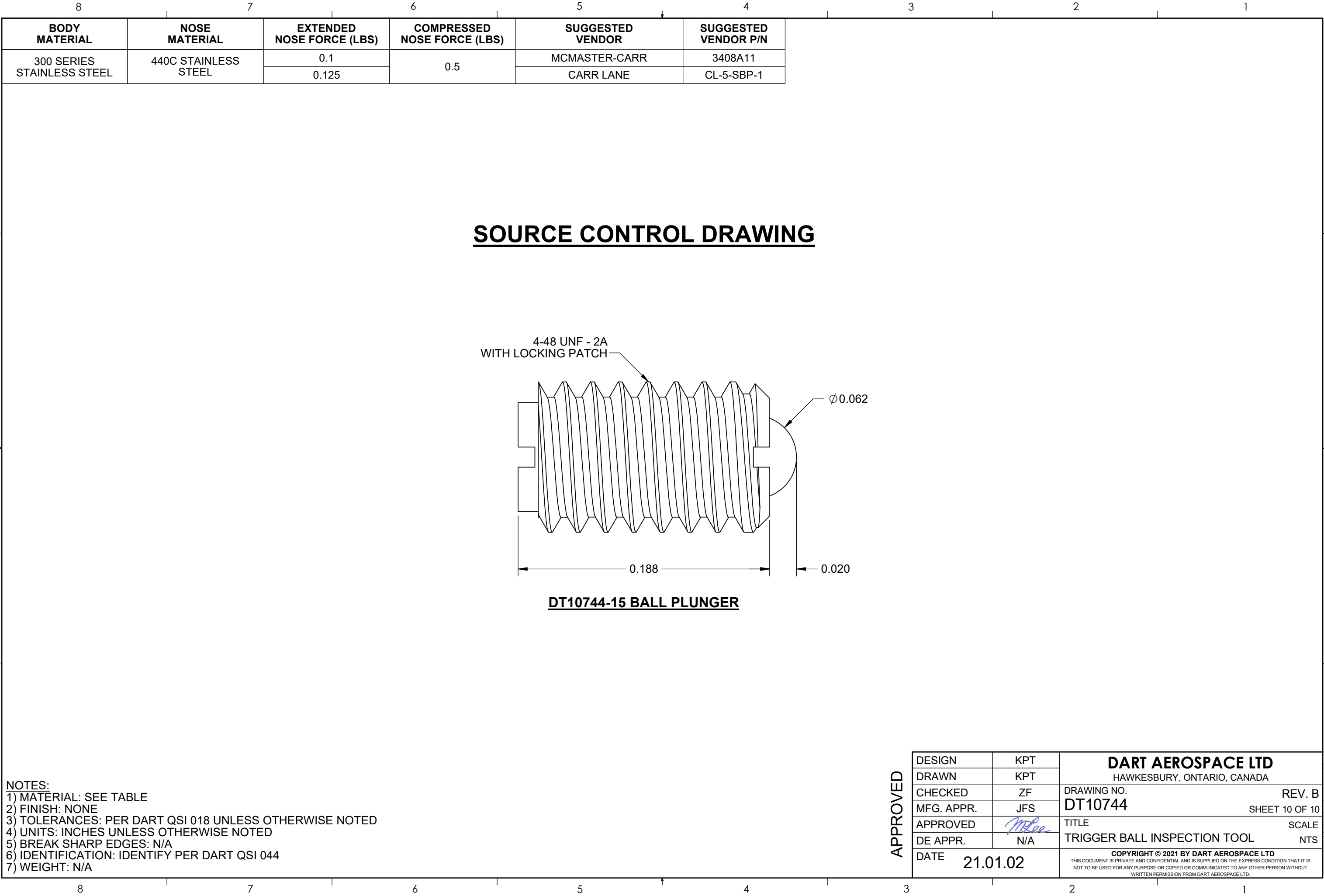


DT10744-13 T-HANDLE

- NOTES:
- 1) MATERIAL: SEE TABLE
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: N/A

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DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	KPT	
CHECKED	ZF	DRAWING NO. DT10744 REV. B SHEET 9 OF 10
MFG. APPR.	JFS	
APPROVED		TITLE TRIGGER BALL INSPECTION TOOL SCALE NTS
DE APPR.	N/A	
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NOTES:  
1) MATERIAL: SEE TABLE  
2) FINISH: NONE  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: IDENTIFY PER DART QSI 044  
7) WEIGHT: N/A